

Amendments to the Specification

Please replace abstract with:

~~An article of manufacture is created in the form of~~A computer-readable medium encoded with a hyperframe of mixtures of sets of symbols. A first type is used for data transmission in a first direction using a first set of subchannels and a second direction using a second direction set of subchannels. A second type is used for data transmission only in the first direction using the first direction set of subchannels. A third type is used for data transmission in the first direction using subchannels different from that of the set of subchannels used for the second type of symbols. A method of using the hyperframe in a communication system is also disclosed.